



भारत का राजपत्र

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प्राधिकार से प्रकाशित

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नई विल्ली, शनिवार, फरवरी 5, 1972 (माघ 16, 1893)

No. 6] NEW DELHI, SATURDAY, FEBRUARY 5, 1972 (MAGHA 16, 1893)

इस भाग में भिन्न पृष्ठ संख्या वी जाती हैं जिससे फि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और रिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 5th February, 1972

CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 20th November, 1971, in page No. 425 Column 2 under the heading "Applications Accepted" against application No. 125172,

for 125172

read 125127

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

15th January 1972

134285. Norm A.M.C. Aktiengesellschaft. A method of chemically purifying sewage and apparatus therefor.

134286. Robert Bosch GMBH. Fuel injection pump.

134287. International Standard Electric Corporation. Individual telephone line equipment.

134288. Ethicon, Inc. Retention suture bridge.

134289. C and A Laboratories Inc. Method of protecting skin from ultra-violet radiation with titanic acid and esters of titanic acid.

134290. Colgate-Palmolive Company. Inhibition of perspiration.

134291. Agfa-Gavaert N.V. Application of magnetic recording strips to motion picture film. (25th January 1971).

134292. The University of Kerala. Method for the production of polysaccharide from bran and husk.

17th January 1972

134293. Council of Scientific and Industrial Research. Improvements in or relating to a method for the

selective extraction of nickel and cobalt from lateritic ores.

134294. Karamchand Premchand Private Limited. A process for the preparation of derivatives of 5-halo-salicylaldehyde.

134295. Howson-Algraphy Limited. Improvements in or relating to the cleansing of surfaces. (25th January 1971).

134296. Imperial Chemical Industries Limited. New azo dyestuffs. (18th February 1971).

134297. The Broken Hill Proprietary Company Limited. Push-in easy-opening closures.

134298. J. . Joshi. A circuit of direct on line magnetic starter fitted with two operating (Holding) coils eliminates single phasing of motors.

134299. Knapsack Aktiegesel. Production of acrylonitrile and methacrylonitrile.

134300. K. S. Janarden. Spring insert

134301. Hariballav Das. A pocket-borne smoking device with fuel filter.

18th January 1972

134302. S. S. Mishra. Lifting water from a well without using any external energy.

134303. O. P. Sharma. Electronic exploder.

134304. R. W. Ulbrich. Radiant lining.

134305. Joseph Lucas (Industries) Limited. Windscreen wiper control system. (20th January 1971).

134306. Joseph Lucas (Industries) Limited. Electrical switches. (22nd January 1971).

134307. Joseph Lucas (Industries) Limited. Cable Clip. (26th January 1971).

134308. Colgate-Palmolive Company. Heavy duty liquid detergent.

134309. Ciba-Geigy Ag. Diazepinone as stabilizer.

134310. K. C. Bole. Improvements in or relating to electric line tester.
 134311. N. V. Organon. Novel \wedge^* stroids of the oestrane series.
 134312. Thorn Electrical Industries Limited. Improved tungsten halogen lamp. (22nd January 1971).
 134313. Pentapharm A. G. Enzyme composition and process for the manufacture thereof.
 134314. Security Equipment Manufacturers. An improved lock.
 134315. Security Equipment Manufacturers. An improved lock working on Magnetic principle.

19th January 1972

134316. The Indian Council of Agricultural Research. An interferometric fibres stapler.
 134317. Rhone-Poulenc S.A. Process for the preparation of antibiotics 20, 798 RP and 27, 706 RP and pharmaceutical compositions containing the antibiotics.
 134318. Sealed Power Corporation. Improvements in and relating to piston ring assemblies. (3rd November 1971).
 134319. Sperry Rand Corporation. Improvements in valves for fluids. (6th December 1971).
 134320. Imperial Chemical Industries Limited. New diazo dyestuffs. (25th February 1971).
 134321. Hindustan Lever Limited. Chemical process and apparatus therefore. (20th January 1971).
 134322. Vsesojuzny Nauchno-Issledovatelsky Institut Abrazivov I Shlifovania. Method of producing cubic boron nitride and abrasive material based thereon.
 134323. The Standard Oil Company. An improved process and catalyst for the oxidation of olefin-ammonia mixtures.
 134324. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New daylight fluorescent pigments and process for preparing them.
 134325. Texaco Development Corporation. Fuel burner and process for gas manufacture.
 134326. Prerovske strojirny, narodni podnik. Method of producing burnt lime and burnt dolomite of fine granular or pulverulous materials.
 134327. Prerovske strojirny narodni podnik. Method of producing cement clinker from material slurry or from pulverulous materials.
 134328. Moskovakoe Otdelenie Tsentralnogo Nauchno-Issledovatelskogo i Proektno-Konstruktorskogo Kotloturbinnogo Instituta imeni I.I. A feeder for bulk materials.
 134329. Dr. P. K. C. Pillai, K. G. N. Balakrishnan, and S. K. Arya. Product.
 134330. Dr. P. K. C. Pillai, K. G. N. Balakrishnan and S. K. Arya. Process.
 134331. Dr. P. K. C. Pillai, K. G. N. Balakrishnan and S. K. Arya. Product.
 134332. Dr. P. K. C. Pillai, K. G. N. Balakrishnan and S. K. Arya. Process.
 134333. Dr. P. K. C. Pillai, K. G. N. Balakrishnan and S. K. Arya. Product.
 134334. Dr. P. K. C. Pillai, K. G. N. Balakrishnan and S. K. Arya. Process.
 134335. Dr. P. K. C. Pillai, K. G. N. Balakrishnan and S. K. Arya. Product.
 134336. Dr. P. K. C. Pillai, K. G. N. Balakrishnan and S. K. Arya. Apparatus.
 134337. Bikash Banerjee. A highly sensitive balance.
 134338. Sajen Kumar Sen. A special device for framing or mounting of mirrors or cards.

20th January 1972

134339. DieComp, Inc. Automatic method and apparatus for fabricating progressive dies. (6th July 1971).
 134340. Joseph Lucas (Industries) Limited. Dynamo electric machines. (22nd January 1971).
 134341. Glaxo Laboratories Limited. Steroid compounds. (20th January 1971).
 134342. Otis Elevator Company. Improved solid state control system.
 134343. Elkem A/S. Arrangement of venturi gas scrubbers.
 134344. I. S. Anstrums. Process for attaching toe pieces with digital covers, in hosiery socks and similar items to their corresponding foot.
 134345. J. H. Monie. A preparation of eye drops.
 134346. J. H. Monie. A preparation of medicinal composition.
 134347. H. R. Mehta. Modification of common voltaic cells, particularly laclanche cells, including dry cells.
 134348. B. L. Mittal. Improvement in or relating to juice clarifiers or subsiders.

Alteration of Date

- Application for patent No. 126219 made on the 16th April 1970 has been post-dated under Section 5(1) of the Indian Patents and Designs Act, 1911, to the 17th January 1972.
 126219. Post-dated to 17th January 1972 under Section 5 of the Act.
 132534. Ante-dated to 24th May 1971 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

125857. Josef Meissner. A process for the separation of an emulsion. Accepted on 18th January 1972.

Comprises stirring emulsion by rotating hollow-shaft, effecting separation in shaft while entering therein from lower end fitted with baffle plate at upper end to afford collection of separated fluids.

126112. Institutul De Cercetari Pentru Prelucrarea Titelui Process for the preparation of a catalyst for the reforming and aromatization of benzenes. Accepted on 10th January 1972.

Silica is being deposited on the surface of an alumina containing between 4% and 40% of water, by contacting said alumina with a solution of silicon tetrachloride in an organic solvent.

126113. Institutul De Cercetari Pentru Prelucrarea Titelui Process for the preparation of a catalyst of the platinum alumina type for reforming, aromatization and isomerization. Accepted on 10th January 1972.

- Depositing a soluble compound of a platinum metal of group VIII of Periodic Table in the presence of a competitor exerting no influence upon the acid function.*
126167. Vsesojuzny Nachno-Issledovatel'sky Institut Legkogo I Textilnogo Mashinostroenia. Device to check weft thread in shuttleless looms. Accepted on 13th January 1972.
Comprises a swivel pin mounted between reed and heads and a feeler in the form of strip or bar having free ends actuated by weft thread.
126187. E. I. du Pont de Nemours and Company. Selective herbicidal composition. Accepted on 14th January 1972.
*Characterized by comprising as an active ingredient of 1-(*p*-cunyl)-3, c-dimethylurea and one or more conventional herbicidal adjuvants.*
126192. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Basic oxazine dyestuffs process for preparing them method of dyeing or printing fibrous materials using said dyestuff and materials so dyed or printed. Accepted on 13th January 1972.
Comprises condensing appropriately substituted p-nitroso-aniline derivative with appropriately substituted 3-amino-4-alkyl phenol in acidic medium.
126193. Deutsche Gold-Und Silber-Scheideanstalt Vormals Poessler. Process for the regeneration of used catalyst in the manufacture of hydrogen peroxide by the anthraquinone process an apparatus therefor and hydrogen peroxide manufactured applying this process. Accepted on 14th January 1972.
Comprising subjecting the used catalyst to a preliminary treatment to remove adhering impurities followed by an oxidative treatment at pH below 7 and then a reductive treatment at temperatures below 200°C.
126191. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of very pure monosulfonic acids of triphenyl-methane dyestuffs. Accepted on 17th January 1972.
Comprises treating the dyestuff with aqueous sulphonic acid, isolating the sulphate formed and converting it into monosulphonic acid derivative by treatment with sulphonic acid.
126219. Manubhai Zaverdas Makwana. Improvements in or relating to an electric clock. Accepted on 17th January 1972.
Comprising a pin provided on a hour wheel causing electric contact with pins on a cam having projections causing current to flow switching on electric light.
126229. Verson Allsteel Press Company. Prestressed press. Accepted on 17th January 1972.
Comprising tension members extending between and along the sides of the bed member and crown member beyond downwardly facing saddles on the bed member and upwardly facing saddles on the crown member, and having offsets engaging the saddles, compression members between the bed and crown members and shim means between the compression members and at least one of the base and crown members.
126230. Verson Allsteel Press Company. Hydraulic cylinder apparatus for a hydraulic press. Accepted on 17th January 1972.
Comprises a hollow hydraulic cylinder body open at one end and closed at the other end and having a cylinder of large diameter at the open
- end and a cylinder of small diameter at the closed end communicating with the cylinder of large diameter substantially midway between the ends of said body.*
126232. V. S. Deokar. Improved conveyor belt system for a processing industry. Accepted on 17th January 1972.
Comprising a set of conveyor belt system in different tiers driven separately is characterized in that the tiers can be arranged one above the other in the same or different vertical flows and further characterized and the tiers of the folded path can also be arranged such that the material can be transferred from higher to lower level or vice versa.
126233. V. D. Hukerikar. Rotary piston type internal combustion engine. Accepted on 15th January 1972.
Comprises a toroidal cylinder, a toroidal piston with toroidal rings, an oscillating shaft, an L-shaped connecting rod rigidly mounted on the oscillating shaft, a lever rigidly mounted on said shaft and a link connecting said lever to the crank pin.
126250. Ciba Limited. New vat dyestuffs, process for the manufacture thereof and process for dyeing, printing or colouring using the same. Accepted on 17th January 1972.
A heterocyclic compound is condensed with a polycyclic quinone and with an aromatic hydroxyl or mercapto compound.
126259. Thermal Syndicate Limited. Improved panels. (24th April 1969). Accepted on 14th January 1972.
Securing to the structure a backing sheet having locking recess(s) facing away from the structure, applying adhesive material to the sheet and pressing the panel onto the backing sheet, the panel having at least one portion projecting from its rear face, said portion(s) being locked in said recess(s) on pressing the panel onto the backing sheet.
126276. K. K. Chakko. A telephone lock. Accepted on 14th January 1972.
Comprising a body incorporating a lock-mechanism and a removable key, a rotatably mounted member, first and second immovable members.
126343. Farbenfabriken Bayer Aktiengesellschaft. Trithiol-phosphoric acid ester, process for the preparation thereof and fungicidal composition containing the same. Accepted on 18th January 1972.
Reacting a dithiol phosphoric acid ester halide with a thiol compound in the presence of an acid binding agent or in the form an alkali metal salt.
126387. Ciba Limited. New phosphoric acid esters, process for their manufacture and pesticidal preparation containing the same. Accepted on 18th January 1972.
Reacting a salt of a dithiophosphoric acid ester with a diazotised aromatic amine in a two phase system of water and water-insoluble organic solvent at a temperature of 10° to 100°C.
127057. Franz Plasser Bahnbaumaschinen. A device for continuously exchanging or renewing the sleepers and possibly rails of railway track. Accepted on 19th January 1972.
Tail end of front vehicle has rail lifting devices, the central vehicle has rail and/or sleeper removing devices and rail laying devices and the vehicles have ballast distributing, levelling, controlling and guide devices the vehicles being connected to form a convoy by means of pivotal links connect-

- ing the central portion to the rear and front vehicles, means being provided to adjust the distance between the two pivotal limbs and means for cleaning, grading, distributing and compacting the ballest being provided in the central portion.
127114. G. D. Searle & Co., 11 β , 13 β -dialkylgona-1, 3, 5(10)-triene-3-ol 3-cycloalkyl ethers, processes for their preparation, compositions and method. Accepted on 14th January 1972.
Comprises compacting 3-hydroxy-11 β -methyl-estra-1, 3, 5(10)-triene-17-one teeth cycloalkyl-halide and if necessary antading the product with lithium acetylde.
127463. G. H. Emmons. Foldable ladder. Accepted on 10th January 1972.
Comprising a first side piece serving as a first leg and a second sides piece shorter at its lower end than the first side piece and step members disposed intermediate the side pieces, a second leg pivoted at its upper end to the upper end of the first leg, a third leg pivotally secured near its upper end to the upper end portion of the second side piece, foldable the brace means connected to the first and second legs and lockable to the third leg and means on the lower end portion of the second piece for engaging the brace means in the open position of the ladder.
127482. Agripat S. A. Process for the preparation of chloro-amino-c-triazines. Accepted on 10th January 1972.
Reacting cyanuric chloride, a lower alkylamine and an alkali metal hydroxide.
127554. The Dunlop Company Limited. Assemblies of tubular members. (16th July 1969). Accepted on 14th January 1972.
Comprises two tubular members, each having an outer shell bonded to an inner protective lining extending beyond said shell, each said member carrying an annular coupling flange clamped together and an annular insert lying between the tubular members, the extending portion of the lining being compressed between the annular insert and inner face of the coupling flanges.
127568. Etablissements Anver S. A. Improvements in or relating to methods of manufacturing thin material, notably for making shoes, morocco-articles and similar products. Accepted on 17th January 1972.
Preparing a mould, unpregnating a sheet of absorbent material with plastic material, disposing upon said sheet, a sheet support consisting of leather textile or other material, and ensuring close bonding of component elements of the article by compression adapted to press the mould against the assembly of sheets in a high-frequency field producing heat.
127590. Budapesti Mezogazdasagi Gepgyar. Method and apparatus for the dressing of seed. Accepted on 17th January 1972.
Lightly and uniformly moistening the surface of the seed and bringing the seed so treated into contact with dressing powder sprayed on them.
127624. Vereinigte Aluminium-Werke Aktiengesellschaft. Improvements in or relating to a process for the acid, alkaline or neutral wet treatment of minerals, ores or other solids. Accepted on 14th January 1972.
Comprising of passing a suspension of a solid in a reagent through a digester tube of constant cross-section at a velocity of at least 0.5 metres per second at a throughput rate of 0.01 to 0.5 cubic metres per metric ton of the solid treated per day heating the suspension during its passage through the tube to a temperature at which digestion occurs (200°-300°C).
127633. The Goodyear Tire & Rubber Company. Improvements in tire having polyurethane laminate thereon. Accepted on 17th January 1972.
Comprises a cured rubber tire having adhered thereto a laminate of a cured polyurethane comprising a cured reaction mixture prepared by reacting an organic polyisocyanate with a reactive hydrogen containing material.
127643. Sandoz Ltd. Novel phosphoric acid esters, novel process for their production and compositions containing the same. (23rd July 1969). Accepted on 18th January 1972.
Reacting as-0-(1-carbalkoxy-1-propen-2-yl) phosphorodichloride with an alcohol or acetone ester.
127729. Farbenfabriken Bayer Aktiengesellschaft. Phosphoric acid esters, process for their preparation and fungicidal compositions containing the same. Accepted on 18th January 1972.
Characterized by reacting 2-nitro-4-cresol with 0-ethyl-0-(1-chloromethyl-ethyl) phosphoryl chloride to produce O-ethyl-0-(1-chloromethyl-ethyl)-O-(2-nitro-4-methyl phenyl) phosphate.
127739. The Bunker-Ramo Corporation. Receptacle for flat circuit bearing elements. Accepted on 18th January 1972.
Comprising a slot adapted to receive edge of flat circuit bearing element with contact points, contact means, means operable to cam said contact means, means for operating said cam means.
127772. Alcan Research and Development Limited. Method and apparatus for filtering molten metal. Accepted on 19th January 1972.
Characterized in that the level of the stream of metal is controlled so as to ensure that the woven mesh filter is maintained wholly submerged in the metal during the pouring of the ingots.
127787. Girling Limited. Braking systems for vehicles. Accepted on 17th January 1972.
Includes means for applying braking force to a wheel, speed sensitive means for sensing speed of the wheel and control means operable by the speed sensitive means for reducing the braking pressure.
128359. Cgr Medical Corporation. X-ray tube control circuitry. Accepted on 18th January 1972.
Comprising a plurality of radiation detectors in desired locations and means for connecting a selected detector with an operational amplifier having an integrator made of operation and a signal amplifier made of operation depending on the desired procedure.
128583. Nippon Kokan Kabushiki Kaisha. A manufacturing method of free-cutting lead steel. Accepted on 19th January 1972.
Comprising pouring steel into ladle, stirring by passing gaseous material and feeding a wire rod of lead or lead alloy into the molten steel.
128660. Veb Chemiekombinat Bitterfeld. Cellulose containing material and process for its dyeing or printing. (10th August 1970). Accepted on 13th January 1972.
Characterized by dyeing with at least one reactive group containing water-soluble organic dyestuff or pigment and with a liquid condensation product, with the use of an alkali and/or by thermal treatment.
128870. Bata Shoe Financial Corporation of Canada Limited, formerly known as Bata Shoe Company of Canada Limited. An automatic sole moulding apparatus and to a method of manufacturing a sole. (31st October 1969). Accepted on 13th January 1972.
Characterized in that means are provided for removing a sprue, said sprue removal means adapted to be moved to a position behind the

- mould and operable to grip said sprue at an intermediate point in the path of travel of that one of said mould sections.
128900. Swiss Aluminium Ltd. Manipulating device for use with furnaces. Accepted on 13th January 1972.
The manipulator having at least one crust breaking tool and at least one alumina feeder, a leading and a trailing alumina scraper being associated with the or each tool and arranged respectively in front of and behind the tool in its path of travel.
128959. Solvay et Cie. Polymerization of olefines. Accepted on 18th January 1972.
Characterised in that catalytic system comprising solid complex-reaction product of halogenated derivative of transition metal with solid support and organo metallic activator comprising diene-aluminiun polymer R₁—R₂—[R₂—Al]X Y₂ ; R₁ being aliphatic radical with 1-20 C-atoms R₂ is bivalent diene open radical R₃, R₄ CH₂=C—C=CH₂, R₃, R₄ being hydrogen or alkyl alkenyl or phenyl radical. X is 1—10 and Y₁ and Y₂ are hydrogen, alkyl radicals branched at β position.
128969. Veb Filmfabrik Wolfen. Colour photographic multilayer materials for colour development with automatic masking. (7th May 1970). Accepted on 18th January 1972.
Comprises a colour photographic multilayer material wherein at least one of the emulsion layers contain one silver halide and a mixture of diffusion-resistant colourless coupler and diffusion resistant masking coupler made of azodyestuff, the reactivity of the former coupler differing from that of the latter by not more than 50% of that of the masking coupler.
129211. Oy Tampella AB. Percussion fuse particularly for projectiles. Accepted on 17th January 1972.
In which the transversely movable primer carrier is provided with an encircling seal ring co-operating with the cylindrical base containing the primer carrier.
129236. Bassani S.p.A. Electric switches. Accepted on 14th January 1972.
Includes a rockable operating member having a pair of projection which extend one on each side of fulcrum and a generally U-shaped member the outer end portions of which respectively engage said projections and the transverse portion of which engages the leaf spring.
129260. Sandox Ltd. Azo compounds of low solubility process for their production and plastics pigmented therewith. Accepted on 15th January 1972.
Diagonium compound of 5-amino-isophthalic acid is coupled with 1, 4-bis-(acetooacetylamo)-2, 5-dichlorobenzene, the resulting product is treated a halogenating agent and then reacted with dimethyl formamide.
129327. International Standard Electric Corporation. Arrangement for operating slender switches in railway installations. Accepted on 14th January 1972.
Only one electrohydraulic drive unit is provide to whose pressure medium delivery circuits cylinders of one switch tongue and the cylinders of the other switch tongue are connected in parallel pairs.
129343. R. M. Khaladkar. Floor Cleaning brush. Accepted on 19th January 1972.
- Collapsing is afforded by a simple mechanism located on the long handle which is a tube opening at the lower end and provided with a socket and simple valve at upper level.
129460. Shell Internationale Research Maatschappij N. V. Process for the preparation of 1-phenylvinyl phosphorous esters, the compounds so prepared and pesticidal composition thereof. (4th December 1969). Accepted on 18th January 1972.
Comprises reacting a phosphorous compound with and α-halomethyl ketone in presence of a base.
129738. P. A. Ayyathurai. Mechanical toy horse. Accepted on 19th January 1972.
Comprising rhombus like contrivance of four metal rods, a compression spring, front and hind legs fitted with wheels and stoppers, a pedal with a shaft being connected to the contrivance for moving the toy horse.
129787. Rockfield Industries Corporation. Hangers for dress materials. Accepted on 18th January 1972.
A larger characterised in that it includes a channel shaped body, a movable plate articulated at one end to the inner side of one of the walls of the said channel shaped body while at its other end if pivotally engages another plate provided with a plurality of holes or slots, the latter being adapted to slide along the groove of the channel body by means of pair of sheets fixed thereto.
129906. Asea Electric India, Private Limited. Improvements in or relating to control panel furniture and method of assembling such furniture. Accepted on 13th January 1972.
Comprising box frames adapted to carry chequered grill having square windows fitted with checkered grill frame secured by means of locking clips and the m screw, checkered grill frame is adapted to cover with mosaic buttons or tiles.
129919. The Goodyear Tire & Rubber Company. Improvements in process for the polymerization of monomeric master-batches and products thereof. Accepted on 19th January 1972.
Comprises, polymerizing a mixture of unsaturated alicyclic hydrocarbon, reinforcing agents filler, pigments, polyfunctional crops linking agent, extending oil and antioxidant in presence for catalyst system of (a) as organoaluminium compound, molecular oxygen (c) tungsten halide or oxyhalide and a, H₂O, H₂S, alcohols, mercaptans, or hydroperoxides.
130026. R. Ramamoorthy. A shock resistant joint.
Either or both of the inner and outer peripheral surfaces of the second and first members respectively are curved and at least one ring of resilient material is tightly wedged all round and into the gap between said peripheral surfaces.
130095. Ube Industries, Ltd. Apparatus and process for removing impurities from solid granules. Accepted on 14th January 1972.
An apparatus for removing impurities which comprises a treatment column where solid granules can be contacted with a counter-current flow of an extraction liquid, an inlet for granules at the top of the column, an outlet for treated granules at the bottom of the column, an outlet for the spent extraction liquid at or near the top of the column, and at least one recirculation system adapted to remove extraction liquid from the upper limit of a treatment zone within the column and to return it to the lower limit of the same treatment zone.
130648. F. Plasser. Improvements relating to mobile machine for levelling and tamping railway tracks. Accepted on 18th January 1972.

An undercarriage, a wheel axle or a bogie sub-frame of track lifting means arranged between two or groups of tamping tools displaceable relative to one another longitudinally of the track, tamping tools following front tamping tools arranged between two undercarriages.

130831. Cabot Corporation. Carbon black product process for its manufacture and rubber composition containing the same. Accepted on 18th January 1972.

Contacting a carbon black producing feedstock with a stream of hot combustion gases flowing at average linear velocity of at least 100 ft per second cooling the effluent gas and separating the active carbon black.

131165. Libbery-Owens-Ford Company. Apparatus for edge treating glass sheets. Accepted on 13th January 1972.

Comprising means for moving said sheets, a tool, means for driving said tool monitoring means operable in relation with the movement of said glass sheet to operate the said tool.

131786. Leningradsky Metallichesky Zavod Imeni XXII Siezda, Kpss. Improvements in or relating to a guide apparatus of a hydraulic machine. Accepted on 13th January 1972.

Provision is made for stops adapted to cooperate with grooves provided in the levers and serving to limit the turn of the blades when shearing the protective pin.

131924. S. P. Kanhere. Improved castor wheel. Accepted on 18th January 1972.

Characterized in that there are provided two braking lugs mounted on two 'U' shaped strips and which articulate with a framework, the said framework moves on the axle of the castor wheel and further carries a pair of cams on each side and which can assist in throwing apart or bringing closer together the braking lugs, which are further connected by two strong springs.

132534. Dr. B. B. Paul. A process for the treatment of effluent from alcohol distillation plant and centrifugal separation of the yeast cream to produce cattle and chicken feed. [Divisional date 24th May 1971]. Accepted on 11th January 1972.

Comprising inapparating the effluent and centrifuging the concentrate.

Opposition Proceedings

(1)

An opposition has been entered by Orissa Cement Limited to the grant of a patent on application No. 121666, made by Shyam Sundar Ghose.

(2)

An opposition entered by J. K. Chemicals Ltd. to the grant of a patent on application No. 128674 made by V. A. Altekar has been dismissed.

(3)

The Application for patent No. 122087 made by Pulling and Lifting Machines Private Ltd, in respect of which an opposition was entered by Secalt S.A., as notified in Part III, Section 2 of the Gazette of India dated the 6th February 1971 has been treated as abandoned.

(4)

The application for patent No. 122087 made by Pulling and Lifting Machines Private Limited in respect of which an opposition was entered by Tractel Tirfor India Private Limited, as notified in Part III, Section 2 of the Gazette of India dated the 6th February 1971, has been treated as abandoned.

(5)

An opposition entered by Navnitlal Manilal Raval to the grant of a patent on application No. 124608 made by Societe Alsacience De Constructions Mecaniques De Mulhouse Has been treated as withdrawn.

(6)

An opposition entered by Navnitlal Manilal Raval to the grant of a patent on application No. 125198 made by Vsesojuzny Nauchno-issledovatelsky legkogo i textilnogo mashinostroenia Vnilttekash has been treated as withdrawn.

Patents Sealed

115562 119032 13515 124187 124718 124781 125050 125098
12525 125138 125144 125148 125203 125204 125205 125227
125254 125270 125271 125290 125291 125365 125389 125653
125854 126107 126142 126260 126319 126380 126426 126536
126540 126596 126695 126880 126979 127789 129094 132148

Registration of Assignments, Licences, etc., (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—
87745—M/s. Zenith Engineering Works.

Renewal Fees Paid

59430 59476 59575 59884 52917 62918 62939 63046 63149
63151 63179 63183 63219 63449 63473 63565 63566 63772
65064 65170 65615 66543 66618 66721 66755 66818 67064
67070 67071 67405 69226 70262 70446 70517 70536 70547
70548 70610 70629 70703 70731 70865 70905 70971 70973
71012 71143 71276 73041 74886 74912 74921 74948 74959
74963 74989 74998 75129 75169 75249 75251 75261 75278
75298 75379 75430 75458 75459 75473 75477 75564 75679
75956 76071 79102 79646 80220 80289 80295 80320 80352
80541 80581 80626 80627 80651 80701 80714 80720 80763
80837 80838 80846 80868 80986 81017 81545 82000 82098
82258 82881 82361 82952 83109 83228 83945 83946 84889
85586 85672 85753 85826 85864 85926 86020 86085 86087
86105 86106 86127 86130 86162 86163 86187 86241 86361
86513 86516 86517 86554 86557 86578 86682 86851 86995
87137 87553 87554 87828 90900 91643 91749 91792 91816
87137 87553 87554 87828 90900 91643 91749 91792 91816
91822 91844 91847 91848 91894 91901 91964 91995 92039
92123 92127 92129 92150 92195 92222 92328 92346 92415
92423 92445 92451 92571 92784 92885 93149 93388 97316
97332 97384 97486 97487 97490 97492 97518 97520 97521
97525 97540 97551 97562 97581 97607 97637 97687 97702
97711 97762 97769 97815 97816 97821 97824 97826 97834
97865 97883 97902 97903 97916 98071 98092 98218 98347
98509 98515 98628 99083 99488 99527 99780 101795 102407
103177 103208 103373 103461 103515 103531 103532 103542
103550 103571 103609 103610 103611 103676 103747 103779
103825 103831 103848 103898 103983 104103 104217 104282
104352 104380 104381 104411 104555 104646 104692 104797
105087 105625 105626 107482 107530 107864 107865 107867
108320 108397 108427 108589 108644 108774 108874 108921
108951 108953 108981 108994 109064 109072 109081 109125
109131 109136 109187 109188 109189 109200 109202 109238
109243 109247 109275 109318 109330 109336 109351 109386
109480 109573 109681 109786 109806 110181 110277 110362
111588 112549 112691 112692 112693 113756 113810 113983
114070 114101 114105 114111 114144 114162 114164 114185
114244 114256 114258 114259 114284 114297 114304 114351
114357 114365 114390 114442 114476 114477 114485 114529
114560 114577 114613 114633 114635 114642 114652 114677
114709 114721 114726 114748 115026 115542 115553 116414
116558 117288 118512 118955 119068 119522 119950 120069
122672.

Cessation of Patents

83970 83966 83967 83968 83969 83974 83978 83979 83981
 83982 83987 83989 83991 83994 83995 83996 83997 90671
 90674 90675 90676 90677.

**APPLICATION FOR SURRENDER OF PATENT
UNDER SECTION 64**

(1)

Notice is hereby given that an application for Surrender of Patent under Section 24 of the Indian Patents and Designs Act, 1911 has been filed by Phillips Petroleum Company of Bartlesville, Oklahoma, United States of America in respect of Patent No. 65742, entitled "non-woven fabric."

Any person interested in opposing the said application for surrender, may, at any time within six weeks from the date of the Gazette of India, give notice of his invention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

(2)

Notice is hereby given that an application for Surrender of Patent under Section 24 of the Indian Patents and Designs Act 1911 has been filed by Phillips Petroleum Company of Bartlesville, Oklahoma, United States of America in respect of Patent No. 72384, entitled "Method for the production of a fibrous material from a high-molecular organic substance."

Any person interested in opposing the said application for surrender, may, at any time within six weeks from the date of the Gazette of India, give notice of his invention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

(3)

Notice is hereby given that an application for Surrender of Patent under Section 24 of the Indian Patents and Designs Act, 1911 has been filed by Phillips Petroleum Company of Bartlesville, Oklahoma, United States of America in respect of Patent No. 87941, entitled "Artificial textile fibres and their production."

Any person interested in opposing the said application for surrender, may, at any time within six weeks from the date of the Gazette of India, give notice of his invention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

(4)

Notice is hereby given that an application for Surrender of Patent under Section 24 of the Indian Patents and Designs Act, 1911 has been filed by Phillips Petroleum Company of Bartlesville, Oklahoma, United States of America in respect of Patent No. 89768, entitled "Non woven fabric and method of preparation thereof".

Any person interested in opposing the said application for Surrender, may, at any time within six weeks from the date of the Gazette of India, give notice of his invention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

(5)

Notice is hereby given that an application for Surrender of Patent under Section 24 of the Indian Patents and Designs Act, 1911 has been filed by Phillips Petroleum Company of Bartlesville, Oklahoma, United States of America in respect of Patent No. 93023, entitled "Improvements in or relating to the production of expanded thermoplastic structures."

Any person interested in opposing the said application for surrender, may, at any time within six weeks from the date of the Gazette of India, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

(6)

Notice is hereby given that an application for Surrender of Patent under Section 24 of the Indian Patents and Designs

Act, 1911 has been filed by Phillips Petroleum Company of Bartlesville, Oklahoma, United States of America in respect of Patent No. 95930 entitled "Process and apparatus for the production of mouldings or extrusions having a cellular structure from thermoplastic synthetic materials."

Any person interested in opposing the said application for surrender, may, at any time within six weeks from the date of the Gazette of India, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

(7)

Notice is hereby given that an application for Surrender of Patent under Section 24 of the Indian Patents and Designs Act, 1911 has been filed by Phillips Petroleum Company of Bartlesville, Oklahoma, United States of America in respect of Patent No. 103601 entitled "Improvements in production of hollow plastic articles."

Any person interested in opposing the said application for surrender, may, at any time within six weeks from the date of the Gazette of India, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

(8)

Notice is hereby given that an application for Surrender of Patent under Section 24 of the Indian Patents and Designs Act, 1911 has been filed by Phillips Petroleum Company of Bartlesville, Oklahoma, United States of America in respect of Patent No. 121318 entitled "A method of making oriented polymeric products and products so obtained."

Any person interested in opposing the said application for surrender, may, at any time within six weeks from the date of the Gazette of India, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) to the Patent Office, 214, Lower Circular Road, Calcutta-17.

Restoration Proceedings

An order has been made on the 23rd December 1971, restoring the patent No. 70764 dated as of the 15th February 1960, granted to Novi Patentvertrags G.m.b.H., and subsequently assigned to Yoshida Kogyo Kabushiki Kaisa for "improvements in or relating to sliding clasp fasteners".

(2)

An order has been made on the 23rd December 1971, restoring the patent No. 102506 dated as of the 15th November 1965, granted to Sayaji Iron & Engineering Co. Pvt. Ltd. for "portable swivelling type loader".

(3)

An order has been made on the 13th January 1972 restoring the patent No. 110091 dated as of the 5th April 1967 granted to Ishwarlal Lalchand Mehta for "candle holder to hold the burning candle and to re-make a candle from the remnants of the burnt candle or candles".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 138757. General Equip Mart (India), D-3, Industrial Estate, Aligarh, Uttar Pradesh, a Registered Indian Partnership Concern, "Punching machine". June 22, 1971.

Class 1. No. 138758. Mouli Lal Sons and Company, 46/134-135, Badshahi Naka, Kanpur, Uttar Pradesh, a Registered Indian Partnership Concern, "Aluminum and metal alloy slab", June 22, 1971.

Class 1. No. 138998. Mistry Bros. an Indian Partnership firm duly registered under the Indian Partnership

Act and having its office at 338, Sardar Vallabh-bhai Patel Road, Munchharam Building, Bombay-4, State of Maharashtra, India, "A chair", September 13, 1971.

Class 1. No. 139126, Regal Clip Works, an Indian Partnership firm duly registered under the Indian partnership Act and having our office at 144, Chinbunder Road, No. 1, Khadak, Bombay-9, State of Maharashtra, India, "A lock for suit cases hand bags of the like", November 3, 1971.

Class 3. No. 138768, Press Metal Corporation Private Limited a company incorporated under the Companies Act, 1956 Marol, Andheri Kurla Road, Bombay-59, State of Maharashtra, India, "Frontal grills for automobiles", June 26, 1971.

Class 3. No. 138782, Babuji Shilpi, An Indian Citizen, 'Anita' Flat No. 62, Mount Pleasant Road, Bombay-6, Maharashtra, India, "Plaque", June 30, 1971.

Class 3. No. 139070, Beecham (India) Private Limited, having its registered office at Beecham House, Mahim, Bombay 16, Maharashtra, Indian Company, "Toothbrush handles", October 4, 1971.

Class 3. No. 139106, Deekay International (an Indian Proprietorship firm), 206, A-Z Industrial Estate, Fergusson Road, Lower Parel, Bombay-13, (Maharashtra), "Handle" October 25, 1971.

Class 3. No. 139135, Asjan Advertisers, (an Indian Partnership Firm), 20 Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay 4, (Maharashtra), "Pen stand with pen", November 5, 1971.

S. VEDARAMAN,
Controller General of Patents, Designs
and Trade Marks